Printing from

Windows 95 / 98

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Sending and Printing Data

Follow the procedures given below to print out document data on the RISOGRAPH through the SC7700.

If the dedicated printer driver program has not been installed in your personal computer yet, request your Technical Administrator to install it first.

1 Turn on the RISOGRAPH and load paper.

Load paper whose size is the same as defined in the document file to be printed.

2 Turn on the SC7700 and your personal computer.

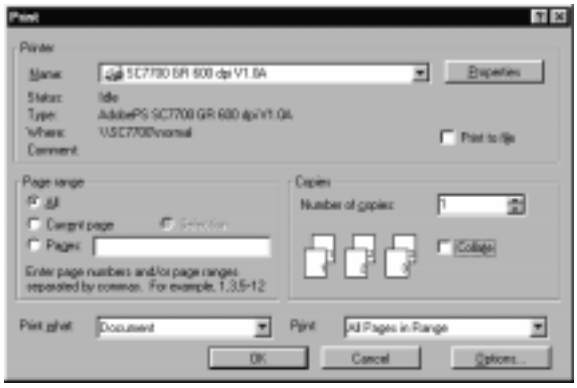
3 Open the document file to be printed.

NOTE Always select [SC7700....] as [Default Printer] before you open or create a document file to be printed. Otherwise, the document might not be printed properly.

4 Specify the print job in the [Print] dialog box.

Select [Print] in the [File] menu to open the [Print] dialog box.

NOTE
- Never fail to deselect the [Collate] box. If it is selected, the master-making operation will be repeated for every copy.
- The items displayed in the [Print] dialog box vary depending on the application software.



[Printer:]

Make sure that [Printer] is set to [SC7700....].

When using the SC7700 through the network port of your computer, as an option, you can keep document data in the SC7700 without printing them. To select this option, click on the [▼] bar in the [Name] box and select [SC7700....-HQ] from the displayed list. "...HOLD" will then be displayed next to [Where], thus indicating the document data concerned is to be stored in a location, called "Hold Queue", in the hard disk of the SC7700. For more details, contact your Technical Administrator.

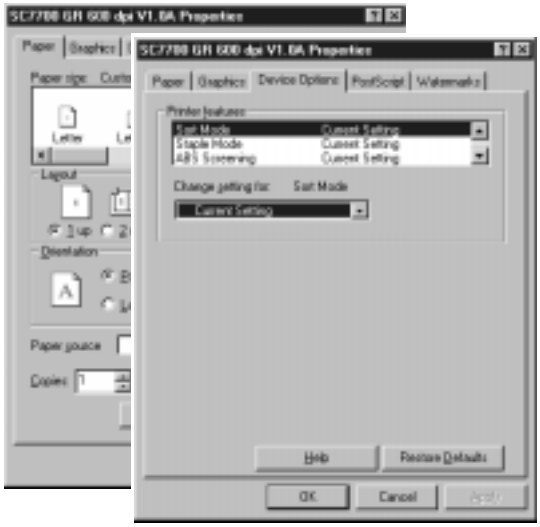
[Copies:]

Specify the number of copies to be printed within the following range: 1 to 9,999.

If you want to set additional print conditions for the current print job;

Open the [SC7700 ..... Properties] dialog box by clicking on the [Properties] button.

For a detailed description of this dialog box, see page 16.



NOTE **"Normal Queue" and "Hold Queue"**

When using the SC7700 through the network port of your computer, document data sent from your computer is temporarily stored in a location, called "Normal Queue", in the hard disk of the SC7700, and will be printed out later after all preceding ones stored there and then deleted after it is printed.
When the document data is optionally stored in another location, called "Hold Queue", in the SC7700 hard disk, on the other hand, it will not be printed out unless you give an additional print order later. To print out the document data stored in the "Hold Queue", activate the dedicated status monitoring utility program, RISO Console, and follow required steps in the [Job Management] window. (See page 78.)
The document data stored in the "Hold Queue" remains there for repeated output even after it is printed out.

5 Start printing.

Click on the [OK] button in the [Print] dialog box. The READY/DATA indicator on the SC7700 starts flashing, indicating that data transmission has started. When data transmission is completed, the PAGE STANDBY indicator lights and the RISOGRAPH starts master-making and printing operations.

NOTE You can check and control the current print job process directly from your personal computer with the dedicated status monitoring utility program, RISO Console. (Refer to page 68.)

Setting the Print Conditions

You can set various print conditions using the following dialog box.

It appears when you click on the [Properties] button in the [Print] dialog box.

[Paper] Tab

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a. Paper size
b. Layout
c. Orientation
d. Paper source
e. Copies
f. [Custom Size] button
g. [Unprintable Area] button
h. [About] button
i. [Restore Defaults] button

[Graphics] Tab

p.20

a. Resolution
b. Halftoning
c. Special
d. Scaling
e. [Restore Defaults] button

[Device Options] Tab

p.22

a. Printer features
b. [Restore Defaults] button

[PostScript] Tab

p.26

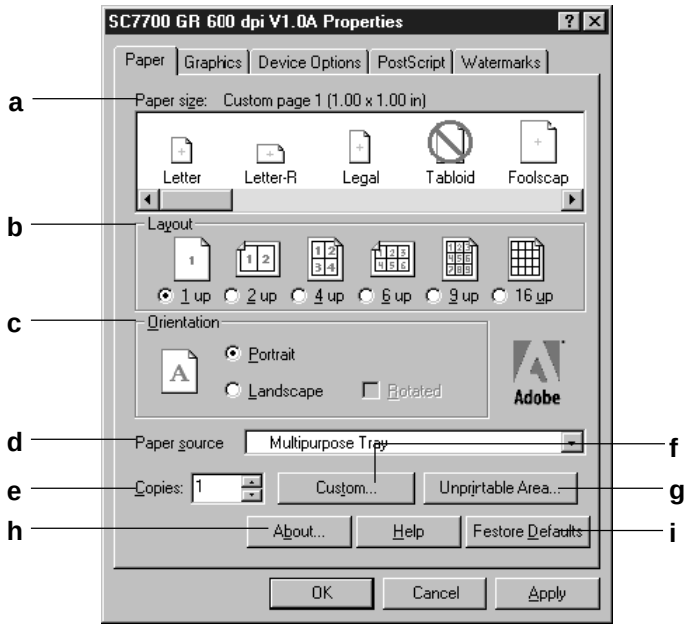
a. PostScript output format
b. [Restore Defaults] button

[Watermarks] Tab

p.27

a. Select a Watermark
b. [Edit] button
c. [New] button
d. [Delete] button
e. Print watermark

[Paper] Tab



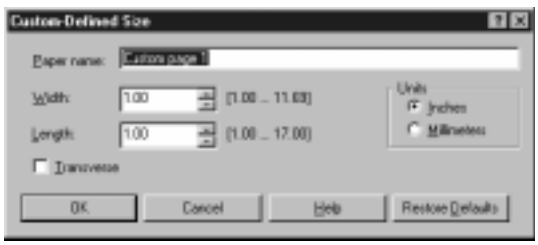
a. Paper size

Changing the standard paper size setting

When using any standard size of paper other than that highlighted, highlight another paper size in the list by clicking on it.
The factory-set paper size is Letter or A4.

Changing the custom paper size setting

When using any custom-size paper other than those given in the “Paper size” list, select Custom 1, 2 or 3 in the list and click on the [Custom] button. In the dialog box shown below, you can enter desired width and length under a desired name.



For a detailed description of allowable paper range, refer to the User’s Guide of your RISOGRAPH.

NOTE
- This setting change is applicable only to the current print job. If you want to keep a new custom paper size setting for other print jobs, contact your Technical Administrator.
- The names of custom paper sizes may be different from those mentioned above. In that case, select a paper size which leads the [Custom] button to be active.

b. Layout

You can specify the number of pages to be printed on a single sheet of paper for multiple-page documents from : 1, 2, 4, 6, 9 or 16 pages.

NOTE Some application programs do not support this option.

c. Orientation

You can specify the orientation of print on the page. The factory-set orientation is “Portrait”. As an option, upside-down images are available for the “Landscape” format.

NOTE The page dimensions and margins of the selected print orientation are displayed by clicking on the left-hand paper icon. To change the measurement unit, click on the icon while holding down the [Shift] key.

d. Paper Source

Ignore this option as it is not designed for use with the RISOGRAPH.

e. Copies

You can specify the number of copies (1 to 9,999) to be printed either by using this option, or by selecting the number in the [Print] dialog box of the application software. The factory-set number of copies is “1”.

If the setting in this option is not the same as that set in the [Print] dialog box of the application, then the result depends on the application being used.

f. [Custom] button

Opens the [Custom-Defined Size] dialog box, in which you can specify a custom paper size for the current print job.

g. [Unprintable Area] button

Opens the [Unprintable Area] dialog box, in which you can change the margin settings for the current print job within the given ranges.

NOTE If you want to keep the new margin settings for other print jobs, contact your Technical Administrator.

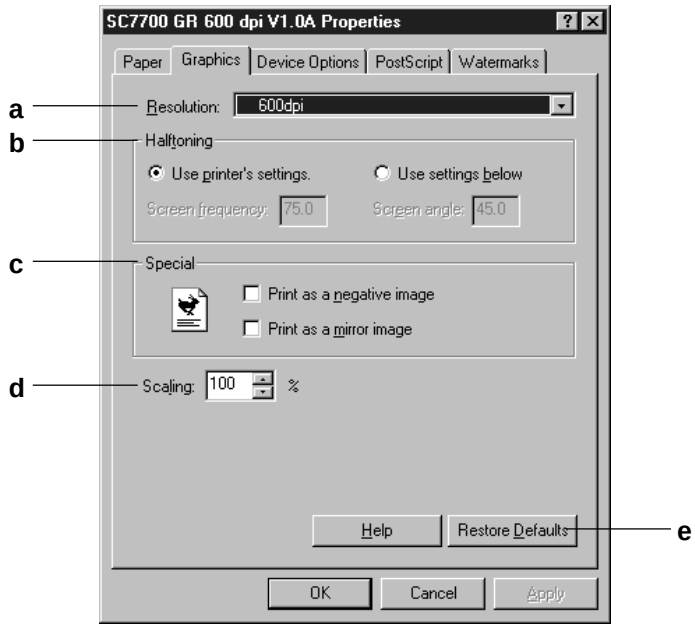
h. [About] button

Opens the [About] dialog box, in which the version number of the printer driver can be checked. Check this version number before you contact your service representative.

i. [Restore Defaults] button

Returns all settings in this dialog box to the factory-set (default) ones.

[Graphics] Tab



a. Resolution

The printing resolution of your RISOGRAPH is displayed in this box. Leave it as it is.

b. Halftoning

You can customize the halftone screen settings by clicking on the [Use settings below] circle. If you click on it, you will be able to enter desired values in the boxes below. When [Use printer's settings] is selected, the factory-set settings are applied for the halftone screen frequency and angle.

Screen frequency:

You can specify the number of lines per inch to be applied to the screen for processing halftone images. The factory-set value is "75.0" for 600 dpi and "71.0" for 400 dpi.

Screen angle:

You can specify the angle of the pattern to be applied to the screen for processing halftone images. The factory-set value is "45.0".

NOTE If you select "On" for the [ABS Screening] option in the [Print features] section in the [Device Options] tab when [Use printer's settings] is selected in this option, the factory-set halftone screen settings will be ignored to apply the ABS screening to halftone image processing.

c. Special

Print as a negative image:

You can print your documents in negative images by activating this option. To activate it, select this box.

Print as a mirror image:

You can print your documents in mirrored images by activating this option. To activate it, select this box.

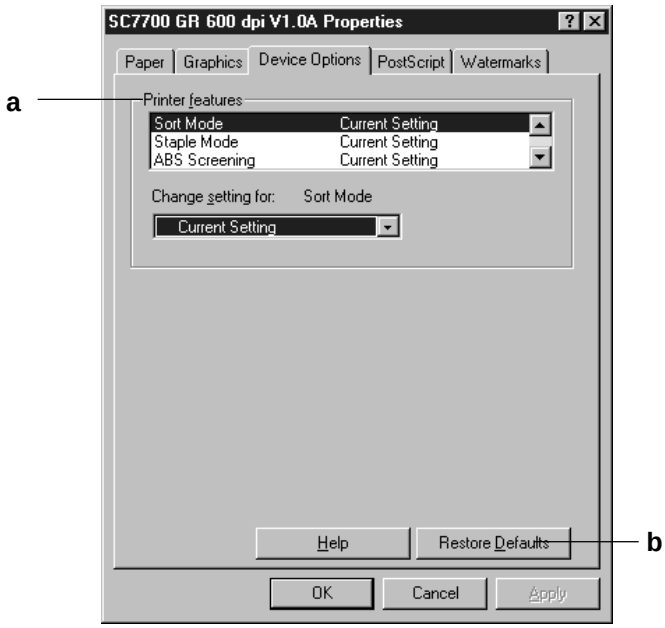
d. Scaling

You can reduce or enlarge the page image in printing according to your needs. The available scale range is 25% to 400%. The factory-set value is 100%.

e. [Restore Defaults] button

Returns all settings in this dialog box to the factory-set (default) ones.

[Device Options] Tab

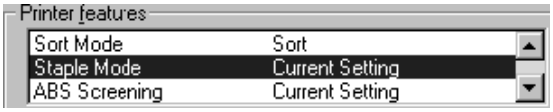


a. Printer features

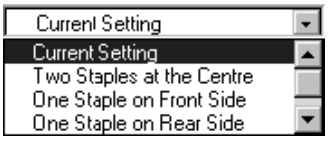
The features of your RISOGRAPH whose setting you can select directly from your personal computer are displayed with the current setting in a scrolling list.

<Selecting another setting for a feature>

1. Select a desired feature while scrolling the list.
   The selected feature is highlighted and its current setting is displayed in the list box below.



2. Click on the [▼] bar in the list box and select another setting from the displayed list.
   The selected setting is then displayed in the scrolling list as well as in the list box.



NOTE

- A scrolling bar may appear for the displayed list if the number of listed settings is large.
- The "Prohibition" sign [⃠] indicates a possible conflict in the condition of the setting concerned. When you select any of these signed settings, the [Conflict] dialog box appears. Follow the displayed instructions.

Sort Mode:

You can select one of four finishing job options [Sort, Group, Stack, NonSort] when using an optional sorter. If you select “Current Setting”, “NonSort” will be selected as the current finishing job. The factory-set sorting mode is “Current Setting”.

The selected job option will be active only when the RISOGRAPH is equipped with a sorter but it is recommended to select “Current Setting” when the sorter is not attached.

For a detailed description of sorter’s operations, refer to its dedicated User’s Guide.

NOTE There are several RISOGRAPH models in which the sorting mode setting in this dialog box is ignored even when a sorter is attached. Consult your service representative for details.

Staple Mode:

You can select one of four stapling positions [Two Staples at Centre, One Staple on Front Side, One Staple on Rear Side, Non Staple] when using a stapler built in an optional sorter. If you select “Current Setting”, “NonStaple” will be selected as the current stapling position. The factory-set stapling mode is “Current Setting”.

For a detailed description of stapler’s operations, refer to its dedicated User’s Guide.

ABS Screening

You can process halftone images with Adobe Brilliant Screens (FM screens) by activating this option. Select “On” to activate it. If you select “Current Setting”, the setting specified in the SC7700 utility program, i.e. “On” or “Off”, will be applied. If you want to know which one is specified, contact your Technical Administrator. The factory-set status is “Current Setting”.

<Adobe Brilliant Screens (FM screens) are;>

“Adobe Brilliant Screens” are one type of frequency-modulated (FM) screening technologies, which changes the distance between the dots (their frequency) according to the halftone density. This results in finer details while maintaining sufficient levels of gray. Note that there is no screen parameter like screen frequency and angle for FM screening.

NOTE If different halftone screen settings are specified for your document by an application program itself, this option will be ignored.

Image Control (-Overall Density, -Light Shades & -Dark Shades)

You can select one of five levels of density [Lightest, Light, Standard, Dark, Darkest] respectively for the following three tone ranges : Overall tone (Overall Density), Light tones (Light Shades) and Dark tones (Dark Shades). If you select “Current Setting”, “Standard” will be selected as the current density level. The factory-set density level is “Current Setting”.

Print Speed

You can select one of five print speed options: [Slowest, Slow, Standard, Fast, Fastest].

If you select “Panel Settings” the RISOGRAPH operates at its current speed. When “Current Setting” is selected, on the other hand, the print speed specified in the SC7700 utility program will be applied. If you want to know what print speed is specified, contact your Technical Administrator. The factory-set print speed is “Current Setting”.

Print Density

You can select one of five print density options; [Lightest, Light, Standard, Dark, Darkest].

If you select “Panel Settings”, the RISOGRAPH operates at its current density. The factory-set print density is “Current Setting”.

When “Current Setting” is selected, on the other hand, the print density specified in the SC7700 utility program will be applied. If you want to know what print density is specified, contact your Technical Administrator.

NOTE There are several RISOGRAPH models in which the print speed setting and/or print density setting in this dialog box is ignored. Consult your service representative for details.

Confidential Mode

You can prevent your confidential documents from being duplicated by activating this option. Select “On” to activate it. If you select “Current Setting”, “Off” will be selected as the current status. The factory-set status is “Current Setting”.

When this option is active, the remaining master is automatically ejected and replaced with a blank one after all specified print jobs are finished.

Auto Print

You can complete your print jobs without further operator involvement by activating this option. Select “On” to activate it. If you select “Current Setting”, “On” will be selected as the current status. The factory-set status is “Current Setting”.

If any operator involvement is required during a print job, however, select the point of “pause in job” from the given list, i.e. Pause after Master(-making), Pause before Master(-making), or Pause before and after Master(-making).

Operation is suspended at a selected point and the PAGE STANDBY indicator flashes. To resume operation, choose one of the following:

= When operation is suspended BEFORE master-making =

<Making a new master for the following page>
Press the START button.
Press the Interface key on the control panel of your RISOGRAPH.

= When operation is suspended AFTER master-making =

<Printing the current page from the existing master>
Press the START button.
Press the Interface key on the control panel of your RISOGRAPH.

<Making a new master for the following page>
Press the STOP button.

<Making another master for the current page >
Press the FUNCTION button.

Proof Copies

You can specify the number of proof copies to be provided after the master-making process.

If you select “Current Setting”, the number of proof copies will be “1”.
The factory-set status is “Current Setting”.

Print Even / Odd Pages

You can print even or odd pages only with this option. Select “Print Even Pages Only” or “Print Odd Pages Only” from the given list. If you select “Current Setting”, all pages will be printed. The factory-set status is “Current Setting”.

By printing all even pages on one side of sheets first and all odd pages on the other side later while using this option, duplex prints can be easily produced.

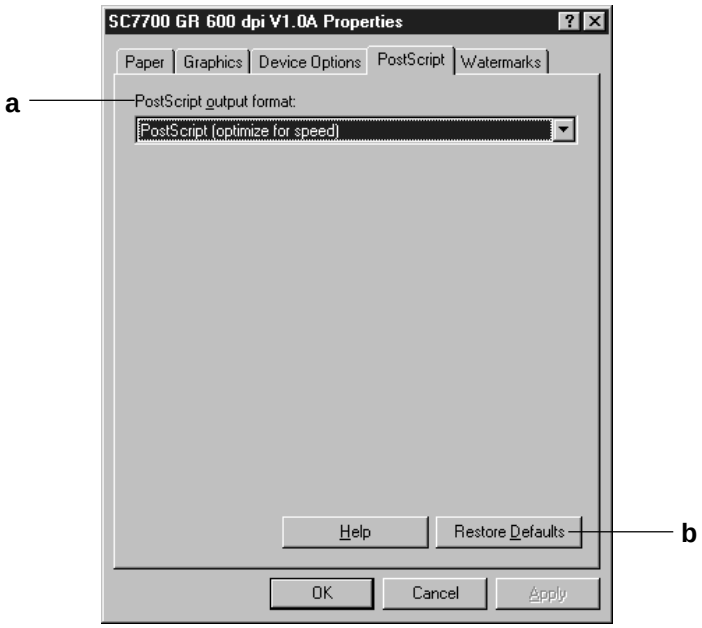
Rotated (Rotate 180°)

The Print image is rotated 180 degrees when you select “Yes”. If you select “Current Setting”, the print image will not be rotated. The factory-set status is “Current Setting”.

b. [Restore Defaults] button

Returns all settings in this dialog box to the factory-set (default) ones.

[PostScript] Tab



a. PostScript output format

You can specify the output format of the PostScript document files from; PostScript [optimize for speed], PostScript [optimize for portability-ADSC], Encapsulated PostScript [EPS] or Archive format.

PostScript [optimize for speed]

Select this option when printing document in most cases.

PostScript [optimize for portability-ADSC]

Select this option when creating a file that conforms to the Adobe Document Structuring Conventions [ADSC]. Each page of the document will be a fully self-contained object. This is useful if you want to create the PostScript file and print it on a different printer.

Encapsulated PostScript [EPS]

Select this option to create EPS file which can be imported as an image in another document.

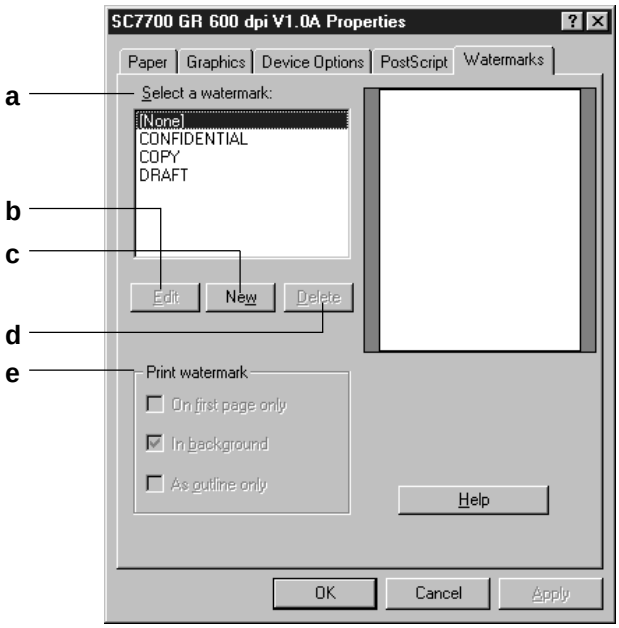
Archive format

Select this option to create PostScript data stream file format. No printer feature is available for this file format.

b. [Restore Defaults] button

Returns all settings in this dialog box to the factory-set (default) ones.

[Watermarks] Tab

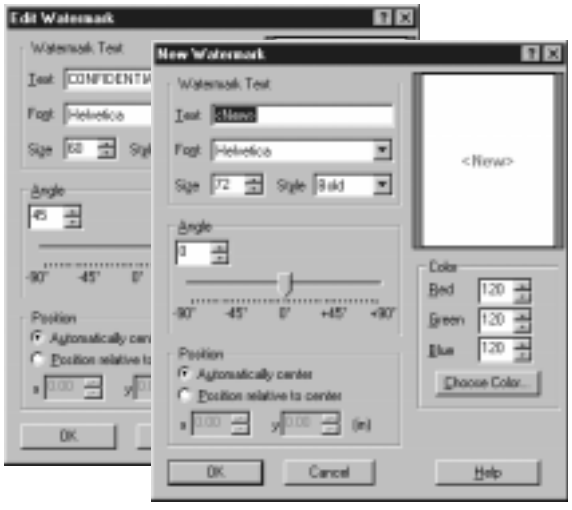


NOTE This option may not be available with some application software programs.

a. Select a Watermark

You can superimpose a desired text, which is called watermark, on the pages when printing your document by selecting it from the list box below. When it is selected, the expected location and appearance of the selected watermark is displayed in the preview box to the right.

If you want to change the location and/or appearance, click on the [Edit] button. The [Edit Watermark] dialog box then appears. If a desired text is not included in the list, on the other hand, click on the [New] button to create a new watermark. The [New Watermark] dialog box then appears.



<(Re)Designing a watermark>

Use various parameters provided in the dialog box to redesign or design a watermark. The designed watermark is displayed in the view box to the right.

Watermark Text: Enter a text you want to use as a watermark and specify the font, size, and style.

Angle: Specify the direction (angle) of the watermark.
Enter a desired value in the box or use the slide control bar.

Position: Specify the position of the watermark.
You can automatically set the watermark in the center of the page or specify the relative coordinates from the center of the page.

Color: Specify the color of the watermark.
Click on the [Choose Color] button and specify a desired color in the [Color] dialog box, or enter the respective values in the [Red], [Green], and [Blue] fields.

b. [Edit] button

Opens the [Edit Watermark] dialog box, in which you can change the design of the existing watermark.

c. [New] button

Opens the [New Watermark] dialog box, in which you can create a new watermark.

d. [Delete] button

Deletes the watermark which is highlighted in the list. The confirmation message box will appear when clicking on this button. Click on the [OK] button to confirm your selection.

e. Print watermark

You can select the following print options when superimposing the watermark on the page.

On first page only: The watermark will be printed on the first page of a document only.

In background: The watermark will be printed under the text on the page.

As outline only: Only the outline of the watermark will be printed.